



US Agency for International Development (USAID)
[USAID/Georgia]
Environmental Review Checklist (ERC) and
Environmental Mitigation and Monitoring Plan (EMMP)

1. Activity and Site Information

2. Activity and Site Information

Project Name: (as stated in the IEE):	The USAID Economic Security Program
Mission/Country:	Georgia
DCN of Original IEE:	2019-GEO-002
DCNs of IEE Amendments	N/A
Activity/Site/Grantee Name:	ISO 9001 certification of Eurostyle XXI LLC Eurostyle XXI LLC
Activity Authorization from IEE:	Component 3: Industry-led workforce development
Type of Activity:	Furniture manufacturing
Implementing Partner:	DAI Global LLC, Branch in Georgia
Name and Organization of Preparer:	Nana Baramidze, Environmental Specialist, DAI
Date Prepared:	June 15, 2023

The ERC/EMMP is intended for use by implementing partners to:

- assess activity-specific baseline conditions, including applicable environmental requirements;
- identify potential adverse environmental effects associated with planned activities; and
- develop EMMPs that can effectively avoid or adequately minimize the identified effects.

The IEE requirement to prepare an ERC/EMMP may be fulfilled by substituting a Simplified Environmental Review Form (SERF) for the ERC/EMMP, provided that the proposed activity meets all of the Restrictive Conditions in the SERF.

If implementing partners are in doubt about whether a planned activity requires preparation of an ERC, they should contact their Contracting Officer's Representative (COR)/Agreement Officer's Representative (AOR) for clarification. In turn, the COR/AOR should contact their Mission Environmental Officer (MEO) if they have any questions. In special circumstances and with approval of the BEO it is possible to have one very comprehensive ERC/EMMP for multiple sub-activities if they are similar in scope. *(When preparing the ERC/EMMP, please indicate "not applicable" for items that have no bearing on the activity.)* The ERC/EMMP should be completed by an environmental specialist. **The ERC/EMMP must be completed and approved prior to the activity beginning.**

3. Activity Description

2.1 Purpose of the activity:

Eurostyle XXI LLC is a company with a history of more than 15 years, with some of its team members with 25 years of industry experience. Despite such a history the company, does not have any kind of international or local quality certifications at the moment of submitting the proposal to the USAID

Economic Security Program except the certificate in 30-minute fire resistance for the doors issued by the Turkish company FS.

The purpose of the activity is to strengthen the competitive and trustworthy standing of Eurostyle XXI LLC in both domestic and global markets. As one of the prominent furniture manufacturing companies based in Tbilisi, Georgia, Eurostyle XXI LLC specializes in producing customized furniture such as doors, tables, and other furnishings for homes and offices using natural wood, MDF, and laminate. The production process involves utilizing high-quality Italian paints, pure oil, and other natural ingredients, ensuring safety and health standards. The proposed program aims to support Eurostyle XXI LLC in acquiring ISO 9001:2015 certification by adhering to widely accepted quality management systems. While simultaneously, the initiative strives to enhance the company's environmental and workplace safety standards.

To fulfil complex furniture design projects effectively, Eurostyle XXI LLC must establish a robust quality management system that ensures effective planning, execution, monitoring, and control of all project activities. The ISO 9001:2015 standard offers a framework for consistent monitoring and evaluation of the performance of the approved suppliers' list, which is critical for maintaining control and quality. While the company has been successful in operating in Georgia, the lack of certifications adversely affects its ability to secure new orders and reduces its competitiveness in the market. By adopting the ISO 9001 certification standard, Eurostyle XXI LLC will gain a competitive edge in the furniture market. This certification is widely recognized internationally and is often requested as part of the eligibility criteria in public tenders announced by large organizations, local authorities, or public entities. Obtaining the ISO 9001:2015 certification will demonstrate the commitment of Eurostyle XXI LLC to complying with quality standards, improve customer satisfaction, enhance its reputation among existing clients, expand its product portfolio, and enable the company to reach new contractors.

2.2 Direct Beneficiaries, e.g., size of community, number of school children, etc.

- The applicant company will benefit with improved potential of growth, at least 50% growth for the first year and much better prospects for future growth;
- The internal staff of the applicant company will benefit by working at more sustainable organization that pays higher than statistical average in Georgia;
- The immediate stakeholders and clients of the applicant company will benefit by having a better partner organization that grows;
- The primary and/or ultimate consumers of the applicant company's goods/ services will benefit by getting higher quality products.

2.3 Number of existing employees and annual revenue if this is a business

Currently, Eurostyle XXI LLC employs 45 people in total. For the recent 2020, 2021 and 2022 years, the company's income accounted for 1,608,285.00 GEL, 3,769,221.00 GEL and 4,446,000.00 GEL.

2.4 Implementation timeframe and schedule

The project implementation period is seven months.

2.5 Detailed description of activity

2.5.1 Steps that will be taken to accomplish the activity, including mobilization, site preparation, site restoration, and demobilization, if applicable.

As per the work plan, once the grant is approved, the USAID Economic Security program and the grant applicant will proceed with the following steps in a sequential manner:

Conduct QMS Gap analysis and engage certified consultants to assist with the preparation process for acquiring ISO 9001:2015 certification. The steps and sequence of the steps are the following:

- Commence project with the gap analysis
- Conduct trainings of staff (including ISO 9001 standard understanding; Understanding of QMS Risk management; Methods and tools for system planning and performance measurement; Methods and tools for processes mapping; Methods and tools for problem solving; QMS Document control; QMS Statistical analysis methods)., determine context of the organization and QMS scope.
- Update existed and develop new QMS Documentation, including manuals, procedures, work instructions, formats, etc.
- Determine risks and opportunities relevant to ISO 9001 standard
- Consultancy for performance measurement of QMS
- Consultancy for establishing statistical process control
- Consultancy for QMS internal auditing
- Training of ISO 9001 internal auditors recognized by IRCA
- Conduct QMS internal audit
- Consultancy for QMS Management review

Implement measures for improving safety, infrastructure, and environmental compliance to meet the requirements of the ISO 9001:2015 standard. The steps are the following:

- Infrastructure related tasks, such as buying and putting into operation the industrial three mobile dust Collectors with flow capacity of 2000 m³ per hour, one dust Collector Jet Plus Dust Collector with flow capacity of 8000 m³ per hour, grinding machine and milling machine FR 2000 S.

Request an inspection by the certification body and obtain the ISO 9001:2015 certification.

- The final and third step is ISO 9001 certification that is done by the certification body.

In the above context the grant applicant will undertake the cost of one Jet Plus dust collector with flow capacity of 8000 m³ per hour, three dust collectors with flow of 2000 m³ per hour, grinding machine, as well as hire the necessary personnel for the implementation of the project.

While, the USAID Economic Security program will undertake the cost of milling machine FR 2000 S, ISO Consultancy services (preparation, documentation development, processes of the company, Internal audit) and Final evaluation & certification.

2.5.2 Items that will be purchased (This section should fully describe any items, materials, or supplies that will be purchased.)

Item Description		Quantity
Purchased by the program		
1	Milling Machine FR 2000 S	1
Grantee's cost share		
2	Mobile Dust Collector with flow capacity of 2000 m ³ per hour	3
3	Jet Plus Dust Collector with flow 8000 m ² per hour	1
4	Grinding machine	1

Aside specific items purchased, there will be mainly the services provided as following:

Item Description		Quantity
Purchased by the program		

1	ISO Consultancy services (preparation, documentation development, processes of the company, Internal audit)	1 set
2	Final evaluation & certification	1 set
Grant Applicant's cost share		
3	Personnel cost: <ul style="list-style-type: none"> • Project Manager: 1 person/7 months • Intern: 1 person/7 months 	2 persons / 7 months each

2.5.3 What entity will be responsible for the maintenance or sustainability of the activity after completion or handover?

The applicant will be responsible for the maintenance or sustainability of the activity after the handover.

2.6 Location of activity, e.g., name of village or town, street address, province

The project will be implemented in Tbilisi, Georgia at N1/71 Kvemo Aleqseevka Street.

2.7 Detailed description of site

2.7.1 Existing setting, e.g., urban, village, agricultural, or undisturbed land

The company is located on 2,200 m², in one of the industrial suburbs of Tbilisi.

2.7.2 Size of the facility or hectares of land

Site map, e.g., provide an image from Google Earth (or similar)

Coordinates: **41.67071450280926, 44.93989762759387**



2.8 Photos of site, items to be purchased, engineering construction plans *(when available)*

Photos of the site:



Items to be purchased

#	Equipment	Specifications
Purchased by the program		
1	Milling Machine	 <p> Power – 3000w Voltage – 400v Spindle speed – 1800/3000/6000/9000 rpm Spindle travel – 100mm Spindle length – 100mm Table hole – 200mm Tool diameter above table – 190mm Table size – 710x640mm Extractor head – 100mm </p>
Grantee's cost share		
2	Mobile Dust Collector	 <p> Air Flow (CFM) - 1200 Style - Canister Bag Diameter (In.) - 20 Collection Bag Capacity (Cu. Ft.) - 5-3/10 Collection Bag Length (In.) - 29 Impeller Diameter (In.) - 12 Sound Rating (Db.) - 80 - 85 Impeller Material - Steel Motor Power (HP)2 1-Hose Connection Diameter (In.) - 6 2-Hoses Connection Diameter (In.) - 4 Motor Voltage (V.) - 230 Prewired Voltage (V.) - 230 Motor Amps - 8 </p>
3	Jet Plus Dust Collector	

		<p>Air Flow m³/h – 8000 temperature of the fume - <204 C° Filter speed m/min – 1.0-2.0 Emission mg/Nm³ - < 30mg Filter Media - Polyester Filter Bag Equipped with Fan</p>
4	<p>Grinding table w/vacuum</p> 	<p>Nominal Air Flow (CFM) - 3000 Avg. Face Velocity (FPM) - 250 Motor H.P. - 5.0 Phase (hz) - three-phase Worksurface (in.) - 48"W x 36"L Footprint (in.) - 91"W x 39"H x 44"L Sound Level (dB) - 72 @ 5'</p>

3 Activity-Specific Baseline Environmental Conditions

3.1 Population characteristics

Tbilisi is the capital city of Georgia. The total area of Tbilisi is 726 square kilometers. The estimated population of Tbilisi is 1,171,100 people.

3.2 Geography

The activity site is located in Tbilisi. The city lies on the Mtkvari (Kura) Riverbanks 380-600 meters above sea level. The main water artery is the Mtkvari River crossing the city from northwest to southeast. Floods are common during spring and early summer, but the river is shallow in winter. The Mtkvari River's right tributaries are: Digmis-Tskali, Vere and Cavkisi-Tskali Rivers. Its left tributaries are Gldaniskhevi and Lochini Rivers. The Mtkvati riverbed in Tbilisi fluctuates between 425m (in Digomi) and 370m (in Ortachala) above sea level.

3.3 Climate

Tbilisi has a mildly warm, humid subtropical climate. Typically, winter is mildly cold, and summer is hot. The average annual temperature is 12,7 °C; January is 0,9 °C, and July is 24,4 °C. The absolute minimum recorded temperature is -23 °C, and the absolute maximum is 40 °C. The average annual precipitation is 560-mm. Snow falls on average 15-25 days a year. North and northwesterly winds dominate throughout the year; however, southeasterly winds are common as well.

3.4 Natural resources, e.g., nearby forest/protected areas, ground, and surface water resources

The site territory represents an urban area with some industrial area elements. There are no protected areas nearby, ground or surface water resource near the site. The river Mtkvari is in an approximately two km from the place of the activity.

3.5 Current land use and ownership of land

The existing facility, where the new equipment will be allocated, is owned by the applicant.

3.6 Other relevant description of current environmental conditions in proximity to the activity

The activity site is in an area with no proximity to places of environmental importance, e.g., surface water, forest, habitat of endangered species, wetlands, etc. The closest river Mtkvari is in an approximately two km from the place of the activity.

4 Legal, Regulatory, and Permitting Requirements

4.1 Does this activity require an EIA under a national law? No.

4.2 Applicable National or local permits for this activity, responsible party, and schedule for obtaining them:

Permit Type	Responsible party	Schedule
Zoning		N/A
Building/Construction		N/A
Source Material Extraction		N/A
Waste Disposal	Grant Applicant	N/A
<p>The grantee has outsourced the industrial waste disposal to the other company, which regularly collects it and disposes on the special municipal landfill, while the wooden waste left after the production activities is used for the heating purposes, and the metal scrap is delivered to scrap yard by the scrap collectors.</p> <p>As for the municipal waste, the grantee places it into the special containers located on the territory and owned by the local city municipality, which is</p>		

regularly collected by the city municipality and placed on the municipality landfill.		
Wastewater		N/A
Stormwater Management		N/A
Air Quality Upon the decision of the MEPA, if deemed necessary, the air pollution inventory report should be prepared and agreed with the MEPA according to the Resolution of the Government of Georgia "On the Approval of the Technical Regulation on the Inventory of Stationary Sources of Air Pollution" (Resolution № 42, 6 January 2014). Grant Applicant already has a technical report on the inventory of air emission. The report with recommendations was issued on 13.06.2022. Most of these recommendations refer to the workers safety measures and are still to be implemented and therefore are integrated in the current ERC/EMMP (ref: EMMP).	Grant Applicant	Grant implementation period
Water Use		Already provided to the facility from central water supply system of Tbilisi (GWP)
Historical or Cultural Preservation		N/A
Wetlands or Water bodies		N/A
Threatened or Endangered Species		N/A
Other		

4.3 Will the activity be required to adhere to formal engineering designs/plans? No

If yes, attach the designs or plans to this ERC/EMMP.

No. The activity does not require any engineering plans or design.

4.3.1 Have the designs or plans been, or will they be developed by a qualified engineer?

No. The activity does not require any engineering plans or design.

For Sections 5 through 12, please fill out the blank column with either "Yes," "No" or "Maybe. Provide a discussion for any of the listed issues that are "Yes" or "Maybe" answers and likely to have a bearing on this activity. Please see the example below:

1.1 Sample question: Does the activity have an environmental impact? <i>[Hitting a return at the end of the question above will automatically format the user input]. Describe the environmental impact here.</i>	No
1.1.1 Sample question: Does the activity generate toxic waste? <i>[No response needed if the answer is "No"].</i>	No

5 Land use changes and land impacts

5.1 Will the activity change the land use, e.g., undeveloped, agricultural, residential, commercial, or industrial?	No
5.2 Will the activity require temporary or permanent property land taking?	No

5.3 Will the activity involve site preparation, e.g., clearing and grubbing, grading?	No
5.4 Will the activity involve onsite excavation or trenching?	No
5.5 Will the activity involve the use of borrow pits or quarries? If so, describe the siting, operation, and closure plans.	No
5.6 Will the activity interfere with or connect to existing aboveground or below-ground utilities, e.g., electricity, communications, water, sewer, or natural gas?	No
5.7 Will the activity involve installation of new aboveground or below-ground utilities, e.g., electricity, communications, water, sewer, or natural gas?	No
5.8 Will the activity result in mineral extraction, e.g., aggregate, stone, or coal?	No
5.9 Will the activity result in hydrocarbon extraction, e.g., oil, or natural gas?	No
5.10 Are there known geological hazards, e.g., faults, landslides, or unstable soils which could affect the activity? If yes, how will the project ensure structural integrity?	No

6 Impacts to forestry, biodiversity, protected areas, and endangered species

6.1 Is the site located adjacent to or near a protected area, national park, nature preserve, or wildlife refuge?	No
6.2 Is the site located in or near threatened or endangered (T&E) species habitat?	No
6.2.1 If yes, describe the plan for identifying T&E species during activity implementation. (Non-yes/no question)	
6.2.2 If yes, describe the formal process for halting work, avoiding impacts, and notifying authorities if T&E species are identified during implementation.	
6.3 Is the site located in a migratory bird flight or other animal migratory pathway?	No
6.4 Will the activity involve harvesting of non-timber forest products, e.g., mushrooms, medicinal and aromatic plants (MAPs), herbs, or woody debris?	No
6.5 Will the activity involve tree removal or logging?	No
6.6 Will activities result in increased outdoor noise on a continuous or frequent basis at sound levels that disturb wildlife?	No
6.7 Will activities result in light pollution, which could adversely affect the natural environment?	No

7 Water and water quality impacts

7.1 List any National, European Union, or other international water discharge regulations or standards applicable to this activity. (Non-yes/no question) <i>Law of Georgia on Water (1996)</i>	
7.2 How far is the site located from the nearest river, stream, or lake? (Non-yes/no question) The river Mtkvari is in an approximately two km from the place of the site	
7.3 Is the site located in a floodplain?	No
7.4 Will the activity increase the risk of flooding at the site or on other property?	No
7.5 Will the activity disturb wetland, lacustrine, or riparian areas?	No
7.6 Will the site require excavation within, placing of fill in, or substrate removal (e.g., gravel) from a river, stream, or lake?	No
7.7 What is the depth to groundwater at the site? (Non-yes/no question) Groundwater distribution starts at different depths in Georgia; in western Georgia, in 5-6 m, and in eastern Georgia, in 10-12 m depth on average. The information on the depth of the groundwater in this area is not available. For defining a specific depth of groundwater, detailed geological-engineering studies need to be conducted.	

7.8 Will the activity cause interference with the current drainage systems or conditions?	No
7.9 Will the activity result in new or increased ground or surface water extraction? If yes, describe the expected volumes and the permit requirements	No
7.10 Will the activity discharge domestic or industrial sewage to surface water, groundwater, or a publicly owned treatment facility?	No
7.11 Will the activity change storm water runoff volume, intensity, or locations? If so, describe how the designs/plans effectively and comprehensively address the management of storm water runoff and its effects.	No
7.12 Is there potential for discharge of potentially contaminated (including suspended solids) runoff?	No
7.13 Will the activity result in the runoff of pesticides, fertilizers, or toxic chemicals into surface water or groundwater?	No
7.14 Will the activity involve the use or onsite storage of liquid fuels? If yes, describe the fuel type(s), quantities, storage conditions, and spill control procedures.	No
7.15 Will the activity result in discharge of effluent containing livestock wastes such as manure or blood?	No

8 Atmospheric and air quality impacts

8.1 List any National, European Union, or other international air emission regulations or standards applicable to this activity. <i>Law of Georgia on Ambient Air Protection (1997)</i> <i>Resolution of the Government of Georgia "On the Approval of the Technical Regulation on the Inventory of Stationary Sources of Air Pollution" (Resolution № 42, January 6, 2014)</i>	
8.2 Will the activity result in increased emission of air pollutants from a vent or as fugitive releases, e.g., soot, sulfur dioxide, oxides of nitrogen, volatile organic compounds, or methane?	No
8.3 Will the activity involve burning of fossil fuels?	No
8.4 Will the activity involve burning of wood or biomass?	No
8.5 Will the activity install, operate, maintain, or decommission systems containing ozone depleting substances, e.g., freon or other refrigerants?	No
8.6 Will the activity generate an increase in carbon emissions?	No
8.7 Will the activity increase odor on a continuous or frequent basis?	No
8.8 Will the activity generate dust on a continuous or frequent basis?	no
8.9 Will the activity increase the risk of fire, explosion, or hazardous airborne chemical releases?	No

9 Energy efficiency, pollution prevention, and cleaner production

9.1 Does the activity use renewable energy sources? If yes, describe the energy sources.	No
9.2 Does the activity require use of energy efficiency equipment? If yes, describe the energy efficiency requirement.	No
9.3 Does the activity promote pollution prevention and cleaner production measures? If yes, describe the measures.	No
9.4 Does the activity promote maximum reliance on green building or green land-use approaches? If yes, describe the approaches.	No

10 Waste management

<p>10.1 List any National, European Union, or other international solid waste disposal or storage regulations or standards applicable to this activity. (Non-yes/no question)</p> <p><i>The waste management sector is regulated by the Law of Georgia "Waste Management Code," which came into force in 2015 and respective legal sub-acts. The Code introduces a five-step waste management hierarchy system of hazardous, non-hazardous, and inert waste collection, recovery, and disposal. It also introduces and regulates waste management planning, registration, permitting, and control issues. Non-hazardous waste can be disposed of at municipal landfills in case of relevant Agreement with special municipal services or Ltd Solid Waste Management Company. In contrast, the holders of specific permits are allowed the management and disposal of hazardous waste. For disposal of hazardous wastes, the Applicant should have a relevant agreement with the permit holder. N/A in this case.</i></p>	
<p>10.2 List any National, European Union, or other international hazardous waste disposal or storage regulations or standards applicable to this activity. (Non-yes/no question)</p> <p><i>The Law of Georgia, "Waste Management Code," which came into force in 2015, and respective legal sub-acts regulate hazardous waste management. N/A in this case.</i></p>	
<p>10.3 Describe the local capabilities and facilities for solid, hazardous, and recyclable wastes. (Non-yes/no question)</p> <p><i>In general, household waste and non-hazardous solid waste, e.g., construction waste and asbestos, can be disposed of at the municipal landfills with the relevant Agreement with the Solid Waste Management Company (for the rest of the country, except Tbilisi and Adjara). For recyclable materials, most recycling, e.g., paper, is done by private companies; most of the metal waste is collected by the companies or physical persons and distributed to the special places where waste metal is sorted and stored for recycling, or further distribution locally or abroad. There are specific requirements for specific waste, e.g., plastic, electronic appliances, oil waste, tires, batteries, etc., collection and management, a Law on Extended Producer Responsibility is intended to regulate this sector⁵, which is enacted from June 1st, 2022. In terms of hazardous waste, only those companies having relevant permits can collect and dispose of such waste or take it abroad for further disposal/destruction.</i></p>	
<p>10.4 Will the activity generate nonhazardous solid wastes such as construction debris, packaging material, or nontoxic byproducts? If yes, describe expected types and quantities of solid waste and the plans for reuse, recycling, and disposal.</p>	No
<p>10.5 Will the activity involve the generation and disposal of hazardous waste, such as solvents, acids, caustics, toxics, or other chemicals? If yes, describe the plans for disposal of these hazardous chemicals.</p>	No
<p>10.6 Will the activity involve lead paint or lead-painted building components? If yes, describe the plans for disposal of lead paint containers or lead-painted debris.</p>	No

⁵ Four technical regulations are already adopted: "Battery and Battery Waste Management" (Government Resolution N324), "On Tire Waste Management" (Government Resolution N325), "On Waste Management of Electrical and Electronic Equipment" (Government Resolution N326), and "On the Management of Waste Oils" (Government Resolution N327).

10.7	Will the activity involve the installation, use, or removal of asbestos-containing materials or building materials that may contain asbestos? If yes, describe the plans for disposal of waste asbestos containing materials.	No
10.8	Will the activity involve disposal or retrofitting of equipment containing polychlorinated biphenyls (PCB), e.g., electrical transformers or fluorescent light ballasts? If yes, describe the plans for disposal of PCB materials.	No
10.9	Will the activity generate any other solid or hazardous wastes requiring specific recycling or waste management plans, such as batteries, fluorescent tubes, aerosol cans, or electronic wastes? If yes, describe the plans for disposal of these materials.	No

11 Pesticide Health and Safety Impacts

11.1	Will the activity involve use or onsite storage of pesticides? Pesticide use includes but is not limited to procurement, transportation, storage, mixing, loading, or application.	No
11.1.1	If yes, identify the applicable PERSUAP, including DCN and expiration date.	
11.1.2	If yes, describe the types and quantities of pesticides.	
11.1.3	If yes, describe the pesticide storage conditions.	
11.1.4	If yes, describe the worker training requirements.	
11.1.5	If yes, describe the personal protective equipment (PPE) to be worn workers.	
11.1.6	If yes, describe public safety precautions.	
11.2	Will chemicals be used or stored at the site? If yes, describe the chemicals, quantities, and storage conditions.	No
11.3	Will the activity potentially disturb soil contaminated with toxic or hazardous materials?	No

12 Further Analysis of Recommended Actions (Most activities will have a threshold determination of negative determination with conditions.)

- 12.1 ☐ **Categorical Exclusion:** The activity is not likely to have an effect on the natural or physical environment. No further environmental review is required. * (This is rarely used in the ERC/EMMP.)
- 12.2 ☒ **Negative Determination with Conditions:** The activity does not have potentially significant adverse environmental, health, or safety effects, but may contribute to minor impacts that can be eliminated or adequately minimized by appropriate mitigation measures. ERC/EMMPs shall be developed, approved by the Mission Environmental Officer (MEO) and the BEO **prior to beginning the activity**, incorporated into workplans, and then implemented. For activities related to the procurement, use, or training related to pesticides, a PERSUAP will be prepared for BEO approval, PERSUAPS are considered amendments to the IEE and usually Negative Determination with Conditions. See Sections H and I below.*
- 12.3 ☐ **Positive Determination:** The activity has potentially significant adverse environmental effects and requires further analysis of alternatives, solicitation of stakeholder input, and incorporation of environmental considerations into activity design. A Scoping Statement (SS) must be prepared and be submitted to the BEO for approval. Following BEO approval of the SS an Environmental Assessment (EA) will be conducted. The activity may not be implemented until the BEO clears the final EA. If the Parent IEE does not have Positive Determination as one of the threshold determinations, the IEE needs to be amended.

- 12.4 ☐ **Activity Cancellation:** The activity poses significant and unmitigable adverse environmental effects. Adequate ERC/EMMPs cannot be developed to eliminate these effects and alternatives are not feasible. The project is not recommended for funding.

Note regarding applicability related to Pesticides (216.2(e):** The exemptions of §216.2(b)(I) and the categorical exclusions of §216.2(c)(2) ***such as technical assistance, education, and training are not applicable to assistance for the procurement or use of pesticides.

Pesticide use is broadly defined at USAID and includes assistance with any of the following:

- Procurement, transportation, storage, mixing, loading, and application
- Management
- Fuel needed to transport pesticides
- Technical assistance in pesticide application
- Special payments, donations, free samples, and other forms of subsidies
- Credit provisions to beneficiaries

Processes	Identified Environmental Impacts	Do the Impacts Require Further Consideration?	Mitigation Measures	Monitoring Indicators	Monitoring and Reporting Frequency	Responsible Parties	Records Generated
1. Planning and Design and procurement							
1.1. Design the equipment procurement	Risk of lacking the required equipment for procurement or items on the market	The proper timelines will be arranged to find the requested equipment and items on the market	The authorized program team is in constant communication with the applicant to ensure the equipment and items to be purchased are in line with the items specified in the project	The relevant tender documentation The relevant correspondence and other paperwork	Monthly	Technical evaluation committee/procurement specialist	Delivery and handover document produced by the USAID Economic Security Program
1.2. Selection of Equipment maintenance and storage area /siting	Risk of lacking the appropriate area for maintenance and storage of the equipment	The area for the equipment to be prepared for its proper the maintenance so that equipment is placed there once purchased and transported	The authorized program team will inspect the area of storage prior to the arrival of the equipment	The relevant inspection report	Once, prior to the arrival of the equipment	Engineer	Report on the inspection of the site
1.3 Procurement of selected equipment	Equipment can potentially impact land, water, air, and human health	The equipment to be purchased will be brand new and will come with the warranty from the supplier Equipment procurement plans include environmental considerations. Proper equipment and appropriate technology should be used to minimize the environmental impact The space allocated for the equipment will be inspected by the Engineer for	Ensure that the equipment purchased includes environmental considerations Inspect to revise conformance with safety/security measures	Documented procurement plan as part of application and grant agreement Equipment selection criteria include the environmental aspects Inspections to revise the level of risk of harming the building or users	During the placement and installation of the equipment During the operation of the equipment	Technical evaluation committee/procurement specialist Engineer Environmental Specialist	Inspection records and monitoring reports

		<p>fulfillment of technical and safety conditions</p> <p>The additional inspection and testing of the equipment will be conducted upon installation of the equipment in the premises</p>					
1.4 Select the maintenance and storage area for equipment	Installation of the equipment in an unsuitable facility can put USAID-financed equipment at risk	The site selected is adequate and already operates number of technical equipment	Ensure that the equipment is well located and ready for operation	<p>Documented site visit memo of Initial environmental screening of the location</p> <p>Visual inspection of the site and its surroundings to identify potential flooding</p> <p>Visual inspection of the equipment installation area within the building</p>	<p>During the application eligibility revision process</p> <p>Initial environmental screening</p> <p>Before the applications are chosen for further consideration</p>	<p>Environmental Specialist</p> <p>Technical team</p> <p>Engineer</p> <p>The grant applicant is responsible for implementation of mitigation measures</p>	Inspection records and monitoring reports
1.5 Testing, operation, and maintenance equipment	Operation and maintenance of equipment may cause worker safety problems	The site selected already operates number of technical equipment, as well as workers are used to the maintenance of different technical equipment	<p>Installation and testing to ensure safe operation, the purchase of the equipment through the qualified supplier with proven experience</p> <p>Day-to-day maintenance and repair activities to keep equipment safe and reliable</p>	<p>Documented testing results</p> <p>Documented safety regulations and operational guidelines</p> <p>Documented Equipment Safety checklist and guidelines</p>	At project initiation, at least quarterly during the grant period	<p>Supplier</p> <p>Procurement specialist/ technical team</p> <p>Environmental Specialist</p> <p>The grant applicant is responsible for the implementation of mitigation measures</p>	Inspection records and monitoring reports

End of Useful Life	Improper disposal of equipment may pose risk of harm to environment	The applicant is informed and instructed on the proper legal ways to dispose the hazardous waste or obsolete equipment	Review and re-confirm the disposal plan of the obsolete equipment together with applicant	Inspections to monitor the proper technical operation of the equipment during the project implementation phase	During the placement and installation of the equipment During the operation of the equipment	Engineer Environmental Specialist Applicant	Waste/disposal certificate
2. The preliminary mandatory works before and during the application to the ISO 9001							
Conduct the preliminary mandatory works before and during the application to the ISO 9001	Risk of neglect of environmental and safety regulation implementation for ISO 9001	The Grant applicant within the frames of their contribution will undertake the environmental and health safety improvement activities	<p>Installation and testing to ensure safe operation. A qualified supplier with proven experience should be selected and responsible for installing and testing the equipment and training the grant applicant's staff on Q&M</p> <p>Day-to-day maintenance and repair activities to keep equipment safe and reliable</p> <p>Establish and maintain an effective waste management system, including waste prevention, reduction, reuse, and disposal. Ensure that waste management includes collecting waste in proper containers and proper disposal of used or excess supplies/consumables, used batteries, used light bulbs, extra chemicals, chemical containers, or other waste e.g., engine oils, etc.</p> <p>Adequately installed and working ventilation system</p> <p>Worker Safety Measures</p> <ul style="list-style-type: none"> - Establish and maintain documented safety procedures and ensure workers/equipment users understand and follow safety instructions supplied on product labels and or described inappropriate guidelines 	Inspections to revise conformance with environmental safety/security measures	During the implementation of the improvement works	<p>The grant applicant is responsible for the implementation of the mitigation measures</p> <p>Environmental Specialist is responsible for monitoring and evaluation of the process</p>	Monitoring reports

			<ul style="list-style-type: none"> - Establish and maintain worker safety training programs, such as proper use of equipment as well as a safe resolution to emergencies, including fire, etc. - Use appropriate personal protective equipment (PPE) - Ensure proper dust management, e.g., wet dust prevention measures - Make available where necessary medical and chemical protection and first aid kits - Establish and maintain a fire control system and fire-fighting equipment, including smoke detectors and fire extinguishers 				
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Certification of No Adverse or Significant Effects on the Environment

I, the undersigned, certify that activity-specific baseline conditions and applicable environmental requirements have been properly assessed; that environmental impacts and pesticide-related health and safety impacts requiring further consideration have been comprehensively identified; and that adverse impacts will be effectively avoided or sufficiently minimized by proper implementation of the EMMP(s). If new impacts requiring further consideration are identified or new mitigation measures are needed, I will be responsible for notifying the USAID COR/AOR, as soon as practicable. Upon completion of activities, I will submit a **Record of Compliance with Activity-Specific EMMPs** using a format approved by the MEO.

Marika
Shioshvili

Digitally signed by Marika Shioshvili
DN: cn=Marika Shioshvili
Reason: I am the author of this
document
Location:
Date: 2023-06-23 18:18+04:00

Marika Shioshvili
Implementer Project Director/COP

Date

Approvals:

David Tsiklauri

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David Tsiklauri
USAID COR/AOR

Date

Gocha
Lobzhanidze

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Gocha Lobzhanidze
Mission Environmental Officer

Date

Concurrence:

Not required per Memo to File DCN: 2020-GEO-035

Bureau Environmental Officer
Europe and Eurasia Bureau

Date

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